

APPENDIX B 1 ABBREVIATIONS



This list of approved abbreviations is a part of the Firearm/Toolmark Procedures Manual. Additional abbreviations found in the LIMS system are also approved. Abbreviations are alphabetically listed first by Abbreviation, and then listed by the Description. Abbreviations are not case specific.

Description	Abbreviation
# Lands & grooves, direction of twist is left	# L
# Lands & grooves, direction of twist is right	# R
5 lands/grooves (left twist)	5L
5 lands/grooves (right twist)	5R
About	Abt
Aluminum	Al
Ammunition	Ammo
Angle	∠
Approximately	~
Approximately	Approx
Approximately equal to	≅
Arc	A
Arcing	Arc
Armor piercing	Ap
Association	Assn, asso, or assoc
At	@
Automatic	Auto
Automatic Colt Pistol	ACP
Barrel	Bbl
Base to cannellure	B C
Because	B/C
Black powder	BP
Blood	Bld
Blued steel	BS
Boattail	BT
Bottom	Bot
Box	BX
Brass	B or Br
Brass-coated lead	Bcl
Brass-enclosed base	Beb
Breech	BR
Breechface	Bf
Breechface impression	BF imp
Breechface marks	Bfm
Brown	B
Brown paper wrapped package	Bpwp
Bullet	Bu or bul
Caliber	Cal
Cannellure	Cann or cannel
Capacity	Cap
Cardboard box	Cbb

Cartridge case	C case, c/case, cc
Cartridge or cartridges	Cart, ctg or cart(s)
Case mouth seal, color identification	CMS
Centerfire	CF
Central Lab	C
Chamber, chamber mark, chamber marks	CM, cham, chamber, chm
Characteristics	Char
Chemical examination or test	Chem
Circular	Cir
Circular micro marks	C in circle
Class characteristics	Class char
Clear plastic	Cl pl
Collection	Coll
Combination	Combo
Concave or concentric	Con
Concentric circles or circular	C
Consistent	Consist
Container (1)	C (#)
Container; containing, control, or continued	Cont
Containing	Cont:
Copper	Cu
Copper-coated lead	Ccl
Copper-washed steel, case finish	Cws
Corresponding or Correspondence	Cor, corr, or corres
Crane	Cr
Cross compare	X-Comp
Cross-hatches	X
Cupro nickel-clad steel bullet jacket	Cncs
Cupro-nickel bullet jacket	Cn
Cylinder	Cyl
Degrees	°
Detachable	Detach
Diameter	Diam
Difference or different	Dif or diff
Distance	Dist
Double	Doub or dbl
Double-action	Da
Double-action only	Dao
Drug Analysis	DX
Dual core	Dc
Each	Ea
Eastern Lab	E
Ejector	Ej or ejt
Eliminate	Elim
Elliptical	Elip
Elliptical	E or elip
Envelope	En or env
Equal	=
Equivalent	Equiv

Etcetera	Etc
Evidence	Evid
Evidence bag	Evid b
Examination	Exm
Examined or examination	Exam
Excellent	Exc
External or extractor	Ext
Fingerprint	F/print
Fingerprint or forensic photography	FP
Firearm	FA
Firearm/Tool Marks	FX
Fired since last cleaned	Fslc
Firing pin	FP or fpin
Firing pin drag	Fpd
Firing pin impression	Fpi
Flat nosed	Fn
Flat or flat base	Flt
Forensic Biology	SX
Forensic photography or fingerprint	FP
Fragment	Frag
Frame	Fr
From	Fm or fr
From base	Fb
Full metal case	Fmc
Full metal jacket, or full patch	Fmj
Function	F
Gauge	Ga
General appearance	Gen app
General rifling characteristics	Grc
Gilding metal bullet Jacket	Gm
Gilding metal clad steel bullet jacket	Gmcs
Gold dot	Gd
Gold dot hollow point	Gdhp
Grain, grains, or grip	Gr
Granular	Gran
Granular, groove, or gold	G
Greater than	>
Greater than or equal to	≥
Griess Test for nitrates	Griess
Grip safety	Grip
Groove Impression	G or Gimp
Groove width	Gwd
Gunpowder	Gp
Gunshot residue	Gsr
Hammer	Ham
Hand to hand	Hh
Head	Hd
Head stamp	H/stamp or hs
Heavy	Hvy

Heavy pointed ball, boattail bullet	Hpb
Height	H
Height or hemispherical	H or hem
Hemispherical firing pin impression	H in circle
High Explosive	He
High pressure test	Hpt
Hollow point	HP
Hydrafluoric Acid solution or Hydrafluoric Acid	HF
Identification	ID or Ident
Identification mark	ID mark
Impression	Imp
Incendiary	I
Inches	“
Inclusive	Incl
Indentation	Indent
Indicator or individual	Ind or indiv
Inside	I/S
Inside primed	IP
Insufficient	Insuff
Item	IT
Jacketed	J
Jacketed base solid	JS
Jacketed hollow point	JHP
Jacketed soft point	JSP
Kidney shaped or knurled	K
Knurled	Kn
Knurled cannellure	(K)
Knurled cannellure	K/cann or (K)
Laboratory	Lab
Lacquered steel, case finish	LS
Land and groove	Lag
Land impression	L or limp
Land width	Lwd
Land, Long, length, or left	L
Lands equal grooves	L=G
Lands larger than grooves	L>G
Lands smaller than grooves	L<G
Latent Prints	LX
Lead	Pb
Lead free	Lf
Lead hollow point	Lhp
Lead round-nose bullet type	LRN
Lead semi-wadcutter	L-swc
Left side	L/S
Less Than	<
Less than or equal to	≤
Light	Lt
Light pointed ball-flat based bullet	Lpb
Lock box	LB

Long Rifle	LR
Luger	Lug
Magazine lip marks	Mlm
Magazine safety	Mag s
Magazine, magnum, magnetic, magnification	Mag
Magnetic or manila	M
Manila envelope or Medical Examiner	Me
Manual	Man
Manufacture	Manuf
Manufacturer	Mfr
Mark or marked	Mk
Marked	Mrkd
Marked by me	Mbm
Measured	Msrd
Medical Examiner or manila envelope	ME
Metal can or metal cases	MC
Metal cased (Cu/Brass)	CMC
Microscope	Mic or Micro
Microscopic marks	Micro marks
Military & Police	M&P
Millimeter	Mm
Moderate	Mod
Mouth annulus, color ID	MA
Muzzle loading	MI
Negative	Neg
Negative, negative reaction, or not identified	Θ
Negative, negative reaction, or not identified	-
Nickel	Ni or Nick
Nickel-plated steel	Nps
No conclusion	NC
Northern Lab	N
Nose cut(s)	NC(s)
Not applicable	N/a
Not equal	≠
Not suitable	Ns
Nylon	Nyl
Obliterated	Oblt
Office of Chief Medical Examiner	OCME
Olive drab or outside diameter	Od
One sealed cardboard box	BX1
One sealed envelope	EN1
Open base	Ob
Other	O
Other micro marks	O in circle
Ounce	Oz
Outside	O/S
Over	O/
Over/under	O/U
Overall	OA

Overall length	Oal
Package	Pkg
Page	Pg
Pan Metal Corporation, etc., etc.	PMC
Paper	Pap
Paper Bag	PB
Parallel	Par or P
Particle or partial	Part
Percentage	%
Piece	PC
Pistol, revolver	PR
Pistol, semi-auto	Pi
Plane lead or plastic	Pl
Plastic bag	Plb
Plastic zip-lock bag	Pzlb
Plus sign in a circle	⊕
Point or pointed	Pt
Pointed soft point	Psp
Police Department	PD
Polygonal	Poly
Positive	Pos
Positive, positive reaction, Identification, or in addition to	+
Pound	Lb
Pounds	# or lbs
Pounds	Lbs
Primer	Pr
Primer annulus, color identification	Pa
Primer flow-back	Pfb
Primer shearing	Ps
Proof Mark	P/mark
Pyrodex	Pyro
Questioned Documents	QX
Reaction	Rx
Received	Rec
Received	Rec'd
Receiver	Rec or Rcvr
Rectangular	Rect
Red brown stain	R/B
Reference	Ref
Remanufactured	Reman or remanuf
Report	Rept
Reproducible feature	Rep feature
Residue	Res
Return	Rtn
Returned	Ret'd or rtn'd
Revolver	PR or Rev
Rifle lever action	RL
Rifle, semi-auto	RI
Right	R

Right	Rt
Right side	R/S
Rimfire	RF
Round nose	RN
Safety, sealed, Short, smooth	S
Sealed	S, s/, or sld
Sealed manila envelope	Sme
Sealed or smooth micro marks	S in circle
Sealed plastic envelope	Spe
Sealed white box	Swb
Sealed with tape and initialed	S/T&I
Sealed yellow envelope	Sye
Secutiry	SE
Semi jacket soft point	Sjsp
Semi-circular	Sc
Semi-jacket	Sj
Semi-jacketed hollow point	Sjhp
Semi-jacketed hollow-point	Semi-JHP
Semi-wadcutter	Swc
Serial number or soft nose	SN or SN#
Sheriff's Office	SO
Short, Long, Long Rifle	S/L/LR
Shotshell	Sshell
Shotshell case	Ssc or Sscase
Shotshell, single shot, stainless steel	SS
Side by side	SXS
Silver tip	ST
Single	Sing
Single action	Sa
Single-action Army	Saa
Slide drag mark	Sdm
Slide scuff mark	Ssm
Smith & Wesson	S&W
Smooth cannellure	(S) or s/cann
Smooth cannellure	S/cann or (s)
Sodium Rhodizonate	Na Rho or Na Rh
Soft point	SP
Solid	Sol
Special	Spl
Special	Spl
Stainless steel	SS, s/s or s/steel
Steel	St or stl
Submitted	Sub
Sufficient	Suf
Synthetic	Syn
Test fire	Tf
Test or tracer	T
Toolmark	TM
Total metal jacket	TMJ

Totally enclosed metal case	Temc or TMC
Toxicology	TX
Training	Tr
Trigger	Trig
Trigger	Trig
Trigger guard	Trg grd or tg
Trigger pull	Tp
Truncated	Trunc or Trnc
Truncated cone	Tc
Tubular	Tub
Under	U/
Unknown	U/K or Unk
Ventilated	Vent
Visible	Vis
Wadcutter	Wc
Water	H2O
Weight	Wt
Western Lab, white, or width	W
With	W/
Within	W/in
Without	W/o
Yellow	Y
Zip-lock bag	Zlb